Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 11 Feb 2022 until 23:59 on Saturday 12 Feb 2022

Forecast Issued on Friday 11 Feb 2022 at 02:13

Confidence: High for bright weather and a few showers Friday and for it becoming wetter and milder at weekend. Lower confidence for timing of arrival and clearance of rain over the weekend and Monday.

Headline for Friday 11 Feb 2022: Rather chilly but bright. Sunny in morning but a few showers in afternoon.

Mountain weather hazards on Friday 11 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny intervals	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
00%	00%	00%	10%	10%	00%

Forecast for Friday 11 Feb 2022

Weather: A mostly clear night and then a sunny start, but chilly with a frost. Some cloud bubbling up during the day to bring the odd shower in the afternoon and high cloud will gradually increase from the west. Cloud increasing and lowering in evening to bring some rain, this falling as snow on the tops.

Chance of cloud-free hill tops above 600m: 90%, but 50% late evening.

Low cloud and visibility: Mainly good visibility, with only fleeting patches of cloud above 600m, though possibly broken down to 500m in a shower and broken cloud late evening down to 500m, will bring poorer visibility.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 11 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/7 S	8/10 S	12/16 SW	15/20 SW	18/27 S	24/35 S	29/41 S
300	6/7 S	5/8 SE	9/13 SW	11/15 SW	13/23 S	18/28 S	21/32 S
Valley	3/4 SE	3/8 SE	6/12 SW	8/15 SW	7/21 S	10/27 S	13/30 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-1/-5	0/-5	1/-4	1/-5	1/-6	1/-7
300	1/-2	1/-1	3/-0	4/0	4/-1	3/-3	3/-3
Valley	0/-2	1/-1	4/2	5/2	3/0	3/-1	3/-1
Freezing Level*	300m	300m	500m	500m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather cold day and a frosty start with ice in places. Some chill effect despite light winds and perhaps a significant chill late evening with snow on the tops and increasing winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 11 Feb 2022	1.2mm	8.8mm	9.2mm

Forecast for Saturday 12 Feb 2022

Weather: Cloud thickening overnight with occasional rain, falling as snow on the tops in the early hours. Then a cloudy day with patchy rain in morning then heavier and more persistent rain in the afternoon with a good deal of hill fog onto western slopes. Clearing to a few showers through the evening with cloud becoming more broken.

Maximum wind: Southwest 30-35 gust 45, but 50 gust 65mph possible over higher tops. Turning more westerly in evening and decreasing 25-30 gust 40mph,

Chance of cloud-free hill tops above 600m: 40 or 50% in morning and again late evening, otherwise 10%

Low cloud and visibility: Moderate or good, but poor in heavier rain at times and poor or very poor in cloud, broken cloud layers at first above 600m and again late evening, but extensive down to 500-600m by the afternoon though widely down to 400m onto western slopes.

Temperature: **Valleys:** Plus 3 C rising to plus 7 C.
At 600m: Zero C in early hours, rising to plus 3 C by morning and plus 5 C in afternoon
Freezing level: Rising above the tops by morning.

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